

IN THE CLAIMS:

Please cancel claims 24-25 and amend the remaining claims as follows:

1. (Previously Presented) A method for downloading a document from a server computer to a client computer, said method comprising the steps of:

repackaging scripts in a document program at the server such that scripts are in a program location no earlier than the program location of a first corresponding data element;

downloading the repackaged document program to said client;

rendering said repackaged document at said client as it arrives until complete;

in parallel with said rendering step, scheduling execution of said scripts by said client to validate corresponding data elements no sooner than said step of rendering; and

inputting user data for said document at said client as said step of rendering occurs.

2. (Currently Amended) The method of claim 1, ~~all the limitations of which are incorporated herein by reference~~, further comprising validating the rendered document once completely rendered.

3. (Cancelled).

4. (Currently Amended) The method of claim 1, ~~all the limitations of which are incorporated herein by reference~~, further comprising said client validating the input user data.

5. (Currently Amended) The method of claim 1, ~~all the limitations of which are incorporated herein by reference~~, wherein said repackaging step packages all scripts required by the first data element whose validation requires those scripts.

6. (Currently Amended) The method of claim 1, ~~all the limitations of which are incorporated herein by reference~~, wherein said scheduling step executes a script as it is downloaded from said server.

7. (Currently Amended) The method of claim 1, ~~all the limitations of which are incorporated herein by reference~~, wherein said scheduling step executes a script once all data elements relying on said script have been downloaded from said server.

8. (Previously Presented) A method for downloading a document from a server computer to a client computer, said method comprising the steps of:

repackaging scripts in a document program at the server such that scripts are in a program location no earlier than the program location of a first corresponding data element;

downloading the repackaged document program to said client;

rendering said repackaged document at said client as it arrives until complete;
and

in parallel with said rendering step, scheduling execution of said scripts by said client to validate corresponding data elements no sooner than said step of rendering,

wherein said scheduling step executes a script for an n^{th} data element as an $n+1^{\text{th}}$ data element is being downloaded.

9. (Previously Presented) A computer system for downloading a document comprising:

a server computer operable to repackage a document program at the server such that scripts are in a program location no earlier than a first corresponding data element;

a client computer operable to download the repackaged document program, render said document as it arrives until complete, and, in parallel with the rendering, schedule execution of said scripts to validate corresponding data elements no sooner than rendering; and

a user data interface to said client computer for data input to said document as rendering occurs.

10. (Currently Amended) The computer system of claim 9, ~~all the limitations of which are incorporated herein by reference,~~ wherein said client computer validates said rendered document once completely rendered.

11. (Cancelled).

12. (Currently Amended) The computer system of claim 9, ~~all the limitations of which are incorporated herein by reference~~, wherein said client computer validates said input user data.

13. (Currently Amended) The computer system of claim 9, ~~all the limitations of which are incorporated herein by reference~~, wherein said server computer repackages all scripts required by the first data element whose validation requires those scripts.

14. (Currently Amended) The computer system of claim 9, ~~all the limitations of which are incorporated herein by reference~~, wherein said client computer schedules execution of a script as it is downloaded from said server computer.

15. (Currently Amended) The computer system of claim 9, ~~all the limitations of which are incorporated herein by reference~~, wherein said client computer schedules execution of a script once all data elements relying on said script have been downloaded from said server computer.

16. (Previously Presented) A computer system for downloading a document comprising:

a server computer operable to repackage a document program at the server such that scripts are in a program location no earlier than a first corresponding data element; and

a client computer operable to download the repackaged document program, render said document as it arrives until complete, and, in parallel with the rendering, schedule execution of said scripts to validate corresponding data elements no sooner than rendering,

wherein said client computer schedules execution of a script for an n^{th} data element as an $n+1^{\text{th}}$ data element is being downloaded from said server computer.

17. (Previously Presented) A client computer for downloading from a server computer a repackaged document having scripts that are in a program location no earlier than the location of a first corresponding data element, said client computer being operable to render said document as it arrives until complete, and, in parallel with the rendering, schedule execution of said scripts to validate corresponding data elements no earlier than rendering, and

a user data interface for data input to said document as rendering occurs.

18. (Currently Amended) The client computer of claim 17, ~~all the limitations of which are incorporated herein by reference,~~ wherein said rendered document is validated once completely rendered.

19. (Cancelled).

20. (Currently Amended) The client computer of claim 17, ~~all the limitations of which are incorporated herein by reference~~, wherein said input user data is validated.

21. (Currently Amended) The client computer of claim 17, ~~all the limitations of which are incorporated herein by reference~~, wherein execution of a script is scheduled as it is downloaded from said server computer.

22. (Currently Amended) The client computer of claim 17, ~~all the limitations of which are incorporated herein by reference~~, wherein execution of a script is scheduled once all data elements relying on said script have been downloaded from said server computer.

23. (Previously Presented) A client computer for downloading from a server computer a repackaged document having scripts that are in a program location no earlier than the location of a first corresponding data element, said client computer being operable to render said document as it arrives until complete, and, in parallel with the rendering, schedule execution of said scripts to validate corresponding data elements no earlier than rendering,

wherein execution of a script is scheduled for an n^{th} data element as an $n+1^{\text{th}}$ data element is being downloaded from said server computer.

24-25. (Cancelled).

26. (Previously Presented) A computer program product comprising a computer program recorded on a storage medium, said program comprising:

computer program element means for repackaging a document program at a server computer such that scripts are in a program location no earlier than a location of a first corresponding data element;

computer program element means for downloading the repackaged document program to a client computer;

computer program element means for rendering said document at said client computer as it arrives until complete;

computer program element means for, in parallel with execution of said program element for said rendering, scheduling execution of said scripts by said client computer to validate corresponding data elements no sooner than rendering, and

computer program element means for inputting user data for said document at said client as said step of rendering occurs.